

Center of Excellence in Space Sciences India

<https://cessi.iiserkol.ac.in> , www.cessi.in

Project Manager and Project Assistant position

The Center of Excellence in Space Sciences India (CESSI), IISER Kolkata is seeking to appoint a Project Manager and a Project Assistant through this advertisement. CESSI is a multi-institutional Center of Excellence established by the Ministry of Education, Government of India. The Center is currently supported by IISER Kolkata and located at its premises in Mohanpur, Nadia District, West Bengal. The primary aims of CESSI are research in gravitational wave astronomy, physics of black holes, and solar and stellar magnetic activity and their impact on planetary environments. CESSI also creates the understanding necessary for space weather forecasting, is involved in projects of national importance such as the Aditya-L1 space mission and the LIGO India gravitational wave detector project. For more information, refer to our website:

www.cessi.in.

Eligibility

1. Project Manager (Vacancy: UR-01)

Essential Qualification: Qualified candidates with a Doctoral degree in Science or Technology or a Master's Degree in Engineering or Technology or equivalent from a recognized university. First Class or equivalent academic record throughout the career is essential.

Essential Experience: Candidates must possess a minimum of 10 years of progressive experience in High-Performance Computing (HPC) and Linux Server Administration, including extensive expertise in System and Network administration and troubleshooting, ideally within an academic institution or government organization.

Desirable Qualifications: Candidates with strong knowledge in Virtualization and Openstack and with CCNA and RHCE certifications shall be preferred.

Job Description & Responsibilities: We are seeking a highly motivated and skilled individual to join our team. The ideal candidate will possess strong expertise in High-Performance Computing (HPC) and Linux server management with automation, with a keen interest in supporting research that relies on modelling, high volume data analysis and machine learning applications. .

- **HPC & Linux Server Administration and Management:** Proven experience in managing HPC environments and extensive experience with Linux server administration (RHEL/Fedora/CentOS). This includes proficiency in:

Workload Managers: PBS, Torque, Maui/Moab

Servers: DNS, DHCP, NIS, LDAP, XMPP, NFS, Samba

File Transfer: FTP, TFTP

Networking Tools: TELNET, PROXY

System & Network Troubleshooting: Strong ability in implementation and installation of softwares and simulators related to space science research work like PLUTO, MAGIC, MATLAB, IDL etc. and diagnose and resolve complex server, system, and network related issues (wired and wireless).

Website Development: Proficiency in website development and maintenance.

Vendor Management : Experience with vendor management, tendering, procurement procedure for GeM based purchase.

Remuneration: 1,50,000 /- per month consolidated based on experience

2. Project Assistant (Vacancy: UR-01)

Essential Qualifications: First Class B.Sc./3 years Diploma in Engineering & Technology or higher. Basic knowledge on use of personal computers and applications.

Essential Experience: Minimum of 2 years of administrative work experience within an educational institution or government organization.

Desirable Qualifications: First Class M.Sc./Bachelor in Engineering or Technology. Minimum 1-year duration Diploma in Computer Application from any recognized organization.

Job Description & Responsibilities: Managing and coordinating daily office operations and administrative tasks, which includes assisting with the planning and execution of events, meetings, workshops, seminars, colloquiums, and outreach activities. This role also involves efficiently handling correspondence, documentation, and record-keeping, managing academic-related work, overseeing GeM-based purchases, and coordinating with vendors.

Remuneration: 24,000 + HRA per month

Tenure: These positions are initially for one year, extendable annually based on performance.